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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

CALCUTTA, THE 4TH FEBRUARY, 1995

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Municipal Market Building,
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New Delhi-110005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC"

1—44731/94

Patent Office Branch,
61, Wallajah Road,
Madras-600002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

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"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th and 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700020.

Rest of India.

Telegraphic address "PATENTS".

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पेटेंट कार्यालय

एकत्र तथा अभिकल्प

मद्रास, दिनांक 4 फरवरी 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीमरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा
दीव एवं क्षदरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एच. सं. 401 से 405, तीमरा तल,
नगरपालिका बाजार भवन,
सम्प्रती मार्ग, करोल बाग
नई दिल्ली-110005 ।

हार्दिया, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,

61, वालाजाह रोड,

मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्का तथा एमिनिदिव द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, विंशती बहत्तलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 से अपे-
क्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रवेश पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों का अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
ड्राफ्ट आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट
अथवा चेक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE

234/4. ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crecent branch are the dated
claimed under section 135, of the Patent Act, 1970.

5-12-1994.

1011/Cal/94. Siemens Aktiengesellschaft. Switching device
having an appliance for insertion into a switch
gear cubicle.

1012/Cal 94. Keravision, Inc. Astigmatic Correcting intras-
tromal corneal ring.

1013/Cal/94. Fiberweb north America, Inc. Composite
Nonwoven fabric and articles produced there-
from.

1014/Cal. 94. Hoechst Aktiengesellschaft. Process for the
preparation of a Disazo Compound suitable as
dyestuffs.
(Divided out of No. 992 Cal/1990; antedated
22-11-90).

1015/Cal/94 The Regional Research Laboratory, (Council
of Scientific & Industrial Research). Process for
flaming of LD Slag for recovery of metallics and
produced slag suitable for conditioning of acidic
soil.

1016 Cal 94. Goldstar Co. Ltd. Electron Gun for color pic-
ture tube.

6-12-1994.

1017/Cal/94. ABB Air Preheater, Inc. Hot Spot Detection
in rotary regenerative heat exchangers.

1018. Cal/94. R.P.C. Design Ltd. Means for locking a nut
on a bolt.

1019/Cal/94. Technimeca International Inc. A device for
preventing gas-lock during the transfer of a li-
quid in a closed system, an arrangement con-
taining the same and a method of use. (Conven-
tion No. 2110851; dt. 7-12-93; Canada)

7-12-1994.

1020/Cal/94. SKF Textilmaschinen-Komponenten GmbH.
Drawing system for spinning frame.

8-12-1994.

1021/Cal/94. Hoechst Aktiengesellschaft. Oil in-water emul-
sions.

1022/Cal/94. Asia Medica Aktiengesellschaft. Long-Acting
injection suspensions and a process for their pre-
paration.

1023/Cal/94. Donald Lee Minges. Natural grip.

APPLICATION FOR PATENTS FILED AT
PATENT OFFICE BRANCH
61, WALLAJAH ROAD, MADRAS

Madras-600 002. the 28th November 1994

1176/Mas/94. T. Muthu. All Tier Fish Feeder.

- 1177/Mas/94. Mansanto Company. Process for preparing isocyanates.
- 1178/Mas/94. Nagacka International Corporation. Well screen having a uniform outer diameter.
- 29-11-1994.
- 1179/Mas/94. Sunpower, Inc. Fluid Bearing with Complaint Linkage for Centering Reciprocating Bodies.
- 1180/Mas/94. Sunpower, Inc. Centering system with one way valve for free piston machine.
- 1181/Mas/94. DSM N. V. Process for the preparation of a 4-Hydroxyphenyl glycine with enhanced optical purity.
- 1182/Mas/94. Engelhard de meern BV. A Process for the Interesterification of Triglycerides.
- 1183/Mas/94. Nutron Limited. Neutrophil Determination. (April, 29th, 1994; UK).
- 1184/Mas/94. Akzo Nobel NV. High Refractive Index lenses.
- 1185/Mas/94. Scheider Electric SA. Electrical Protection Apparatus with circuit breaker and effector.
- 1186/Mas/94. Ruhrkohle Aktiengesellschaft. Method for the optimized orientation of working panels, in Particular in a hard coal deposit.
- 30-11-1994.
- 1187/Mas/94. Lucas Industries Public Limited Company. Pneumatic brake booster.
- 1188/Mas/94. Ocel Chemicals Limited. Process for the Preparation of substituted 4-Hydroxycoumarine. (November, 30th, 1993; UK).
- 1189/Mas/94. ABB Research Ltd. High-Voltage Installation.
- 1190/Mas/94. Idemitsu Kosan Co. Ltd. A Lubricating oil for compression-type refrigerators.
- 1191/Mas/94. Iit Industries Limited. Electrical Connector. (December, 3rd 1993; UK).
- 1192/Mas/94. Down Hole Technologies Pty Ltd. System for in situ replacement of cutting means for a ground drill.
- 1-12-1994.
- 1193/Mas/94. Ascom Audioays AG. Hearingaid to be worn in the ear and method for its manufacture.
- 1194/Mas/94. The dow chemical Company. Process for Producing High Molecular weight Monovinylidene aromatic Polymers.
- 1195/Mas/94. Lonza Ltd. Process for Preparing Imidazopyridine Derivatives.
- 1196/Mas/94. Turbine Blading Limited. Turbine Blade Repair. (2nd, December, 1993; UK).
- 2-12-1994.
- 1197/Mas/94. Astra Research Centre India. A novel Process for Producing Insulin.
- 1198/Mas/94. Astra Research Centre India. A novel Process for Producing conotoxin.
- 1199/Mas/94. Haldor Topsøe A/S. Method and apparatus for uniform loading of catalyst tubes.
- 1200/Mas/94. Mannesmann Aktiengesellschaft. Process and apparatus for the automatic control of the position of the tip of an electric furnace electrode.
- 1201/Mas/94. Mannesmann Aktiengesellschaft. Electric Reduction furnace having a vertically displaceable frame.
- 1202/Mas/94. Elf Atochem S. A. Gas phase Fluorination by means of crystalline catalysts.
- 1203/Mas/94. Elf Atochem S. A. Gas phase catalytic Fluorination of halogenated hydrocarbons.
- 5-12-1994.
- 1204/Mas/94. D Jayabalan. Friction Fin Retaining Structure with Horizontal Fins Horfrin and Friction Fin Retaining Structure with vertical Fins verfrin.
- 1205/Mas/94. Mannesmann Aktiengesellschaft. Method and device for starting the casting of a metal strip to close to its final dimensions.
- 1206/Mas/94. Reggiane S.P.A. Freight handling plant in depots and related depots.
- 1207/Mas/94. Institut Français Du petrole. Skeletal Isomerisation Process for olefins using an Alumina-Based Compound.
- 1208/Mas/94. Benno E Liberman. Multi-Deck Clamshell cook and staging grill for pathogenic risk management Process.
- 1209/Mas/94. Benno E Libermann. Multi-Deck clamshell cooking and staging grill for pathologic risk Management Process.
- 6-12-1994.
- 1210/Mas/94. Errampally Gifty Charles. The Method and Manner of using vacant space in the square cabinet around the conical picture tube of Television Monitor without disturbance to Incorporate more Facilities system.
- 1211/Mas/94. At & T Corp. A Signaling system for Broadband Communications Networks.
- 1212/Mas/94. At & T Corp. Direct Signaling system for Narrowband Communications Networks.
- 1213/Mas/94. Kimberly-Clark Corporation. Coated Polymeric Fabric having double wettability and reduced adsorption of protein.
- 1214/Mas/94. Kimberly-Clark Corporation. Liquid Absorbent Material of personal care absorbent articles and the like.
- 1215/Mas/94. Kimberly-Clark Corporation. Tampon with covers, (17th December, 1993; U.K.).
- 1216/Mas/94. Akzo Noble N. V. Process for the preparation of polyesters and copolyesters.
- 1217/Mas/94. John Crane Inc. Improved seal ring design.
- 1218/Mas/94. British Telecommunications Plc. Cellular Radio system.
- 7-12-1994.
- 1219/Mas/94. At & T Corp. Telecommunications system with active database. (24th December, 1993; Australia).
- 1220/Mas/94. Transnet Limited. Landing Legs for trailers.
- 1221/Mas/94. The Bce Group, Inc. Adsorptive separation of Nitrogen from other Gases.
- 1222/Mas/94. Bibby Sterlin Limited. Wash Bottles. (7th January, 1994; U.K.).
- 1223/Mas/94. Gersan Establishment. Working a Natural of synthetic hard stone such as a gemstone. (13th December, 1993; U.K.).
- 1224/Mas/94. Honda Giken Kogyo Kabushiki Kaisha. Exhaust device.
- 8-12-1994.
- 1225/Mas/94. Kabushiki Kaisha. Alkali Treated Bagasse, and its preparation and use.

1226/Mas/94. Kabu.hiki Kaisha. Fermented Engass Feed and its preparation and uses.

1227. Mas. 94. Rhone-Poulenc Chimie. Process for the preparation of an iridium-based solution, solution obtained and use of the latter as catalyst.

1228/Mas/94. Centro De Ingenieria genetica Y biotecnologia. dextranase enzyme, method for its production and dna encoding the enzyme.

9th December 1994

1229/Mas/94. Sumitomo Chemical Company, Limited. Method for producing alpha-alumina powder.

1230/Mas/94. Sumitomo Chemical Company, Limited. Method for producing alpha-alumina powder.

1231/Mas/94. A Ahlstrom Corporation. Centrifugal separator in pressure vessel.

1232/Mas/94. Hoechst Aktiengesellschaft. Process for releasing acidic organic compounds from salts thereof by carbon dioxide.

1233/Mas/94. China Petro-Chemical Corporation. Catalyst for the conversion of carbon monoxide and process, therewith.

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, AT TODI ESTATES THIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (W) BOMBAY-13

1st November 1994

527/Bom/94. Hindustan Lever Ltd., Process for the production of U. K. Priority dt. 2-11-93, a detergent composition.

528/Bom/94. Smt. Smita Chandrashekar Sane, "An improved Caster Wheel".

2nd November 1994

529/Bom/94. Raghuvir Singh Hada, Ladder Liquid power Generator.

7th November 1994

530/Bom/94. Vijay Kumar Baburao Wankhede, "Kastoori" Ayurvedic Medicinal Oil for treatment of human body joint pain.

531/Bom/94. Hindustan Lever Ltd., U. K. Priority dt. 8-11-93 & 3-10-94, Packages and their Manufacture.

11th November 1994

532/Bom/94. Hindustan Lever Ltd., U. K. Priority dt. 11-11-94, Process for the production of a Detergent composition.

533/Bom/94. Narendra Moreshwar Godbole, "A method and the device for Transmitting & Receiving Plurality of audio signals through A single channel in a television system.

14th November 1994

534/Bom/94. Gabriel India Ltd., A hydraulic double acting telescopic shock absorber.

535/Bom/94. Hindustan Lever Ltd., Quaternary oxaziridinium salts as bleaching compounds.

536/Bom/94. Hindustan Lever Ltd., Imino quaternary salts as bleach catalysts.

537/Bom/94. Hindustan Lever Ltd., Activation of bleach precursors with Imino quaternary salts.

16th November 1994

538/Bom/94. Mega Chemelec Industries Ltd., Process for treating polyolifins yarn to make it suitable for weaving.

539/Bom/94. Satosh Vijay sakhare "Improved stapler-cum-punch".

540/Bom/94. Arvind Janardhan Khandke "An Attachment for a Two stroke petrol Engine to accomplish economy in fuel".

541/Bom/94. Harmabender Singh Bagga, "A read Reckoner".

17th November 1994

542/Bom/94. Isover Saint Gobain, Method and apparatus for introducing a substance into a fibre material particularly into a mineral fibre material.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से धार(4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर अधिदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकल को उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप है।"

स्पांशन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी सहायता पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कामजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 40 B. & 32 B.

174661

Int. Cl. : C 08 F 4/00, 4/02, 4/10, 4/61.

"PROCESS FOR PREPARING A CATALYST COMPONENT FOR THE POLYMERIZATION OF OLEFINS"Applicant : HIMONT INCORPORATED, OF 2801 CEN-
TERVILLE ROAD, NEW CASTLE COUNTY, DELA-
WARE, U. S. A.Inventors : (1) MARIO SACCHETTI, (2) GABRIELE
GOVONI, (3) ANTONIO CIARROCCHI.

Application No. 330/Cal/1990; filed on 23rd April, 1990.

Appropriate office for opposition proceedings (Rule 4,
Patent rule 1972) Patent Office, Calcutta.

7 Claims

A process for preparing a catalyst components for the poly-
merization of olefins, comprising an anhydrous magnesium
chloride and, supported thereon, a titanium compound con-
taining at least one Ti-halogen link and an electron-donor
compound in molar ratio with the magnesium chloride be-
tween 1 : 4 and 1 : 20, said component being in the form
of spherical particles with an average diameter between 10
and 350 μm , surface area between 20 and 250 m^2/g , porosity
greater than 0.2 cc/g, having an X-ray spectrum where (a)
reflections at angle 2θ of 35° and 2θ of 14.95° are present,
or b) where the reflection at 2θ angle of 35° is no longer
present but is substituted by a halo with a maximum inten-
sity between angles 2θ of 33.5° and 35° and the re-
flection at angle 2θ of 14.95° is not present, said process com-
prising the reaction among a titanium compound containing
at least a Ti-halogen link, the said electron-donor compound
and a MgCl_2/ROH alcohol adduct, where R is an alkyl, cy-
cloalkyl or alkylaryl radical with 1-12 carbon atoms, con-
taining from 0.2 to 2 moles of alcohol per mole of MgCl_2 ,
and having a surface area between 10 and 50 M^2/g , porosity
(mercury) from 0.6 to 2.5 cc/g and pore volume distribution
such that at least 50% of the pores have a radius greater than
10,000 Å

Compl. specn. 32 pages.

Drgns. Nil

Cl. : 71 C.

174662

Int. Cl. : E 02 F 3/48.

"A MECHANISED DRAG PLOUGH EXTRACTOR SYSTEM"Applicant : OTTO INDIA LIMITED, of F/16, SECTOR-
2, ROURKELA-769006, ORISSA, INDIA.

Inventor : HORST WERNER KLEINERT.

Application No. 507/Cal/1991; filed on 4th July, 1991.

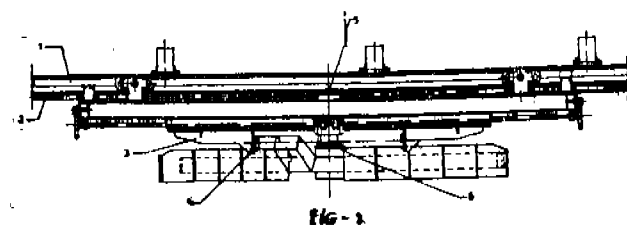
Complete Specification Left on 16th December, 1992.

Appropriate office for opposition proceedings (Rule 4,
Patent rule 1972) Patent Office, Calcutta.

7 Claims

A mechanised drag plough extractor system for discharging
a pile of coke from the horizontal wharf of coke oven
plant and feeding the same uniformly on a belt conveyor
moving along the edge of the horizontal wharf, comprising at
least one carriage which can travel on overhead runway gir-
ders on a number of wheels and is provided with lateral guid-
ing wheels with antifriction bearings, end rubber buffers, a
socket for plugging in the first cable for power supply to
the system, limit switch strikers and a drive unit having a
motor with helical reducing gear mounted on a rocker plate,
the output shaft of said helical gear being provided with a
pinion which is engageable with a rack line by raising the le-
vel of said rocker plate in the operating state of the system and
disengageable with the rack line by lowering the level of said
rocker plate in the non-operating state of the system; and a
scraper arm, mounted swivellably on a central pivot which is
fitted on and suspended from the frame of the carriage and
adjustable in a vertical direction to suit the operational re-
quirement of the system, having two wings each with a plough

fitted at the end thereof by means of a cotter which can be
removed for separating the plough from the wing when requir-
ed, two wearing plates on two sides of the arm, two stops
located at a distance from each other, which can be adjusted
by operating the hand wheel of a screw spindle for control-
ling the depth of penetration of the plough into the pile of
coke to vary the discharge rate of coke from the pile, the
level of which on the horizontal wharf is adjustable by re-
gulating a screen fixed below the retaining grate of the pile
and also for holding the scraper arm in an idle/neutral posi-
tion enabling the extractor to run without removing any coke
from the horizontal wharf, a circular segment attached to the
scraper arm which can be locked with the carriage by means
of a vertically guided iron bar used for holding the scraper
arm in its idle/neutral position and an adjustable telescopic
scrapping bar/rod used for restoring the desired slope of the
pile of coke on the horizontal wharf by being allowed to pen-
etrate into the pile of coke upto a depth of at least 100 mm
and for automatic swivelling of the scraper arm during its
movement in a reversed direction, the said scrapping bar/rod
being put in a pushed-back position, by loosening a number of
screws therein before the said scraper arm is brought into its
idle/neutral position.



Compl. specn. 19 pages.

Drgn. 3 sheets

Provn. specn. 6 pages.

Drgns. 1 sheets

Cl. : 198 D.

172663

Int. Cl. : F 27 D 15/00.

"A COKE BREEZE RECLAIMING SYSTEM"Applicant : OTTO INDIA LIMITED, OF F/16, SECTOR-
2, ROURKELA-769006, ORISSA, INDIA.

Inventor : HORST WERNER KLEINERT.

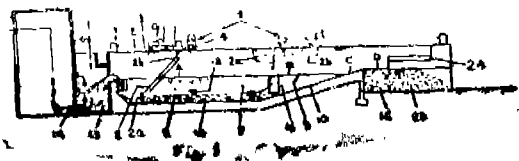
Application No. 510/Cal/1991; filed on 4th July, 1991.

Complete specification left on 21st December, 1992.

Appropriate office for opposition proceedings (Rule 4,
Patent rule 1972) Patent Office, Calcutta.

7 Claims

A coke breeze reclaiming system comprising a wheeled de-
vice having driven and non-driven wheels, which is capable of
being driven to and fro at predetermined speeds over carrier
rails fitted along the two longitudinal sides of a settling pond
into which the quenching water of coke is allowed to flow;
a reclaiming arm, hingeably coupled, at its one end to the
wheeled device and at other end to a reclaiming shield which
is capable of being raised and lowered in position with respect
to the level of the carrier rails by means of a winch-and-rope
arrangement; a drainage plateau adjoining one lateral side of
the settling pond for storing the reclaimed coke breeze for a
given period to allow drainage of the free water released from
the coke breeze and get the same dried before disposal; a
slurry tank adjoining the other lateral side of the settling pond
into which the quenching water in the settling pond, reaching
a given level, is allowed to overflow; accessories for automa-
tic and manual control of operations of the system following
the steps in sequence in accordance with a preset program
such as hereindescribed; and an automatic travel monitoring
means provided at the non-driven wheels of the device to set
the system into a mode of operation which stops all functions
if there are any obstructions to the performance of the sys-
tem, to produce visual and acoustic failure indication of the
occurrence of such obstructions at the reclaiming site and to



Compl. specn. 22 pages.
Provn. 8 pages.

Drgns. 1 sheets
1 sheets

Cl. : 144 D.

174664

Int. Cl⁴ : B 05 D 3/00; C 09 D 9/00.

"A SYNERGISTIC LIQUID COMPOSITION USEFUL FOR STRIPPING COATING OF CURED EPOXY FORMULATIONS".

Applicant : PROJECTS & DEVELOPMENT INDIA LIMITED, OF P.O. SINDRI, PIN-828122, DHANBAD, BIHAR, INDIA.

Inventor : (1) DR. PANKOJ KUMAR GHOSH, (2) MR. DEBKUMAR GUHA SARKAR, (3) DR. VIDYA SAGAR GUPTA.

Application No. 232/Cal/1990; filed on 21st March, 1990; Complete specification left on 18th June, 1991;

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

4 Claims

A synergistic liquid composition useful for stripping epoxy based paints from coated substrates comprising a mixture of methylene chloride and trichloromethylene in the wt. ratio of 4 is to 5.5, with atleast one lower molecular weight organic compound selected from aliphatic fatty acids such as formic acid and aromatic hydroxy compounds.

Compl. specn. 14 pages.
Provn. specn. 12 pages.

Drgns. Nil
Drgns. Nil

Cl. : 17.

174665

Int. Cl⁴ : B 28 D 7/02.

"METHOD AND APPARATUS FOR WORKING TO REMOVE MATERIAL SUCH AS CUTTING FROM ROCK".

Applicants & Inventors : (1) FRANCINE SCHNEIDER GEBORENE LOEGEL OF 10, RUE DES POIRIERS, F-67340 INGWILLER, FRANCE (2) PATRICA LOEGEL OF 8 CHEMIN DU ZOLLSTOCK, F-67340, LICHTENBERG, FRANCE, (3) SYLVIE REICHERT GEBORENE LOEGEL, OF 115 RU DU GAL GOUREAU, F-67340 INGWILLER, FRANCE, (4) ISABELLEDURR GEBORENE LOEGEL OF 1A RUE DES POIRIERS, F-67340 INGWILLER, FRANCE, (5) CHARLES LOEGEL, OF 7, RUE DES COCHERS F-67340 LICHTENBERG, FRANCE.

Application No. 378/Cal/1990; filed on 10th May, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

21 Claims

A method of working to remove material, such as cutting, from rock, are coal, concrete or other hard objects by means of a pressure medium which is directed at high pressure towards the object (15) in the form of narrow jets (5b), which are directed towards each other at setting angles (B), such that particles are removed from the object (15) to form a channel

(16) therein, characterized in that in the impacting area (209-211) of the pressure medium jets (5b) the object (15) is cooled by at least one guiding jet (5g) of a cooling medium, and that the guiding jet(s) (5g) is (are) directed relative to at least one pressure medium jet (5b) such that the guiding jet(s) (5g) strike(s) the impacting area (209-211) concurrently with the pressure medium jet (5b).

Compl. specn. 18 pages.

Drgns. 4 sheets

Cl. : 139 A.

174666.

Int. Cl⁴ : C 01 B 31/02.

"PROCESS AND APPARATUS FOR PRODUCING CARBON BLACK".

Applicant : MITSUBISHI KASEI CORPORATION, OF 5-2, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : (1) AKINORI SAKAUE, (2) SHUSHICHI YOSHIMURA, (3) SHINICHI KANAMARU,

Application No. 418/Cal/1990; filed on 21st May, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

9 Claims

A process for producing carbon black by means of a reactor comprising a first reaction zone in which a mixture of a fuel and an oxygen-containing gas is burned a second reaction zone having a throat in which the resulting high temperature combustion gas is mixed and reacted with a hydrocarbon feedstock, and a third reaction zone provided with a quenching water spray for terminating the reaction, which comprises directing the high temperature combustion gas fomed in the first reaction zone to form an axial stream flowing in substantially the same direction as the axial direction of the reactor, dividing the axial stream of said combustion gas into at least two independent streams differing in the spouting velocity and/or the spouting gas temperature, introducing the thus divided axial streams into the second reaction zone, and, in the second reaction zone, introducing the hydrocarbon feedstock from nozzles in a direction traversing the axial streams of the high temperature combustion gas.

Compl. specn. 48 pages.

Drgns. 6 sheets

Cl. : 172 D 6, 127 C.

174667

Int. Cl. : F 16 H 55/36.

"WEIGHT ROLLER"

Applicant : BANDO CHEMICAL INDUSTRIES, LTD. OF 2-15 MEIWA-DORI 3-CHOME, HYOGO-KU, KOBE 652 JAPAN.

Inventors No. : (1) HISAO FUKUNAGA, (2) HIROKAZU OKAWA.

Application No. 547/Cal/1990; filed on 02nd July, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

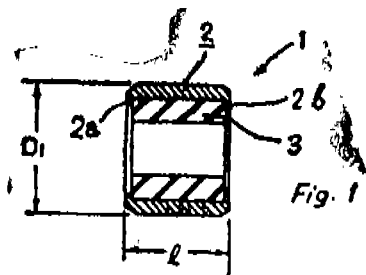
3 Claims

A weight roller (1) for use in an automatic transmission having a pully of which the pully groove width varies as a movable plate moves relative to a fixed plate, or in a centrifugal clutch of the type where a friction plate and a counterpart plate are arranged opposing one another on two concentric shafts and are pressed together or released from each other to connect or disconnect the two shafts, as a member for responding to the revolution speed to actuate a movable member or members, such as the movable plate or the friction plate and counterpart plate, the weight roller comprising a core (3) the circumference of which is covered with

a resin (2), characterized in that the resin (2) is formed into a cylinder (3) having inwardly protruding collars (2a) on both ends thereof, the core (3) is a cylinder or column mountable inside the resin cylinder (2), the core (3) being chamfered at least on one circumferential edge thereof, at least one of the collars (2a) has an inner diameter such that the core (3), with its chamfered edge first, has been forced through the collar (2a) whilst elastically deforming it and the core (3), with its chamfered edge first, has been forced into the resin cylinder (2) through the collar (2a) to cover the core (3), with its chamfered edge first, has been forced diameter (D_0) of the collar, the inner diameter (D_1) of the resin cylinder, and the outer diameter (D_2) of the core is such that :

$$D_0 - D_1 = D_0 \times (0.015 \text{ to } 0.035) \text{ and}$$

$$D_2 - D_0 = 0 \text{ to } 0.3 \text{ mm}$$



Compl. specn. 24 pages.

Drgns. 5 sheets.

Cl. : 194 C 1 : 2 : (a)

174668.

Int. Cl. H 01 J 29/18.

"FILM-FORMING MATERIAL SOLUTION == FOR A COLOUR CATHODE RAY TUBE"

Applicant : SAMSUNG ELECTRON DEVICES CO., LTD. OF 575, SHIN-RI, TAEAN-EUB, HWASEONG-GUN, KYUNGGI-DO, REPUBLIC OF KOREA.

Inventor : HANG-KU JI.

Application No. 614/Cal/1990; filed on 23rd July, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

2 Claims

A film-forming material solution for a colour cathode ray tube, comprising polyvinyl alcohol, acrylic emulsion and pure water,

characterized in that Acrysol as thickening agent is added thereto wherein the amount of said Acrysol is added in the range of 0.5 to 1.3 wt% based on 100 wt% of said film-forming material solution and the amount of said polyvinyl alcohol is in the range of 19 to 24 wt%, the amount of said acrylic emulsion is in the range of 38 to 43 wt% and the amount of said pure water is in the range of 29 to 35 wt% based on 100 wt% of said film-forming material solution.

Compl. specn. 10 pages.

Drgn. Nil

Cl. : 194 C : 1 : 2 : (a)

174669

Int. Cl. : H 01 J 29/18.

"PRECOATING SOLUTION FOR MANUFACTURING A LUMINESCENT SCREEN OF COLOR CATHODE RAY TUBE"

Applicant : SAMSUNG ELECTRON DEVICE CO., LTD. OF 575 SHIN-RI, TAEAN-EUB, HWASEONG-GUN, KYUNGGI-DO, REPUBLIC OF KOREA.

Inventor : KWANG-SUN LEE.

Application No. 615/Cal/1990; filed on 23rd July, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

2 Claims

A precoating solution for manufacturing a luminescent screen of a color cathode ray tube comprising polyvinyl alcohol, aluminum dichromate and pure water, characterized in that aluminium nitrate is added to said precoating solution wherein the amount of polyvinyl alcohol is 0.05 to 0.12 wt%, the amount of ammonium dichromate is 0.05 to wt% and the amount of pure water is 97.7 to 98.9 wt% based on the total 100 wt% of said precoating solution.

Compl. specn. 8 pages.

Drgns. Nil

Cl. : 136 E.

174670

Int. Cl. : B 65 B 51/10.

"A PROCESS OF AND AN APPARATUS FOR SEALING THERMOPLASTIC RESIN SHEET".

Applicant : IDEMITSU PETROCHEMICAL CO., LTD. OF 1-1, MARUNOUCHI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : (1) KOUZABURO MATSUZAWA, (2) AT-SUSHI FUJII.

Application No. 746/Cal/1990; filed on 28th August, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

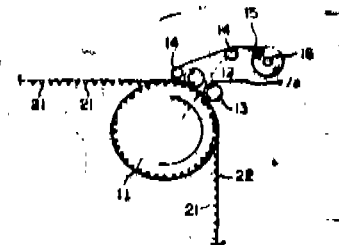
18 Claims

In a process of sealing a thermoplastic resin sheet having pockets to a mount by means of seal members, the improvement comprising the steps of :

sealing said thermoplastic resin sheet with a first seal member provided with at least one notch portion including a plurality of parallel notches;

sealing said thermoplastic resin sheet with a second seal member provided with a notch portion including notches which are intersecting to the notches on said first seal member; and

said each sealing with the first or second seal member is respectively performed more one time, whereby said mount is sealed to said thermoplastic resin sheet in a crosshatched pattern.



Compl. specn. 28 pages.

Drgns. 8 sheets

Cl. : 40 F.

174671

Int. Cl. : B 01 J 8/00.

"A PROCESS FOR CLARIFYING A LIQUOR TO PRODUCE LIQUOR FREE OF SUSPENDED SOLIDS".

Applicant : GOLCONDA ENGINEERING AND MINING SERVICES PTY. LTD. OF 35 OUTRAM STREET, WEST PERTH, WESTERN AUSTRALIA-6000 AUSTRALIA.

Inventors : BROWNE, GEOFFREY ROBERT.

Application No. 138/Cal/1990; filed on 14th February, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

14 Claims

A process for clarifying a liquor to produce liquor free of suspended solids comprising adding an inert particulate carrier such as herein described and a flocculent such as herein described to the liquor to cause suspended solids to separate from the liquor with the inert particulate and the flocculent so that there is substantial clarification of the liquor, the amount of inert particulate carrier added to the liquor being selected so that the weight ratio of inert particulate carrier to suspended solids is above liquor, a minimum value necessary to cause substantial clarification of the liquor, the minimum value being a function of the concentration of suspended solids such that the minimum value decreases as the concentration of suspended solids increases.

Compl. specn. 21 pages.

Drgns. 4 sheets

Cl. : 206 E, 29A.

174672

Int. Cl. : G 06 F 7/00

G 09 C 1/10.

"AN ENCRYPTION / DECRYPTION APPARATUS FOR A HOST COMPUTER"

Applicant : MIU AUTOMATION, OF 2109 STANWOOD DRIVE, SANTA BARBARA, CALIFORNIA-93103, UNITED STATES OF AMERICA.

Inventors : DYKE, JOHN.

Application No.172/Cal/1990; filed on 23rd February, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

11 Claims

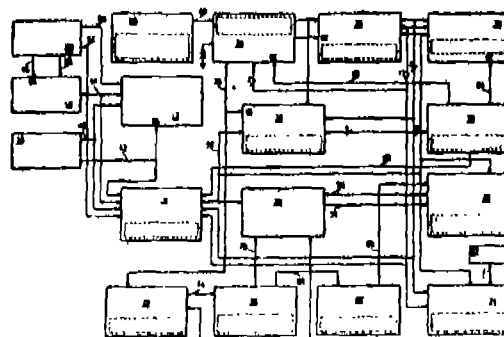
An encryption/decryption apparatus for a host computer having expansion slots for an expander board comprising :

an expander board for connection to a host computer's expansion slot, said expander board having first and second portions, and a dual port means such as herein described having ports connected to the first portion and ports connected to the second portion and a storage means such as herein described for storing information received from the first and second portions said dual port means such as herein described for allowing the simultaneous existence of the host computer's operating system and the second portion's operating system using operating system commands from the syntax of either system at any time;

the first portion having means such as herein described connected to the host computer for receiving and storing information, means, such as herein described connected to the host computer for storing addresses for the information, and means such as herein described connected to the host computer for completing logic functions for processing information through the first portion into the dual port means such as herein described for encryption or decryption by the second portion and out-putting encrypted or decrypted information from the dual port means to the host computer; and

the second portion having a first means such as herein described for storing an encryption/decryption key, second means such as herein described for selectively encrypting and decrypting information, and a third means connected to the first means and dual port means for fetching, respectively, the encryption/decryption key and information, inputting the encryption/decryption key and information into the second means for encryption or decryption, and returning the encrypted or decrypted information to the dual port

means for retrieval by the first portion and input to the host computer.



Compl. specn. 25 pages.

Drgns. 4 sheets

Cl. : 32 E.

174673

Int. Cl. : C 08 K 5/34, 5/51.

"A PROCESS FOR PREPARING CRYSTALLINE HOMOPOLYMERS OR COPOLYMERS OR THEIR MIXTURES OF OLEFINS"

Applicant : HIMONT INCORPORATED, OF 2801 CENTERVILLE ROAD, NEW CASTLE COUNTY, DELAWARE, U. S. A.

Inventors : (1) BRANCHESI, MILLO, (2) CLEMENTINI, LUCIANO AND (3) SPAGNOLI, LEONARDO.

Application No. 259/Cal/1990; filed on 30th March, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

10 Claims

A process for preparing crystalline homopolymer or copolymers or their mixtures, of olefins of the $\text{CH}_2=\text{CHR}$ formula, where R is a hydrogen atom or a C1-C6 alkyl radical, in the form of granules or nonextruded spheroidal particles or flakes, containing one or more of the following stabilizers :

- from 0.01 to 0.5% by weight of one or more organic phosphites and or phosphonites, such as herein described;
- from 0.005 to 0.5% by weight of one or more hindered amine light stabilizers, such as herein described;

and optionally one or more phenolic antioxidants in concentration not greater than 0.02% by weight; said process comprising mixing polymers with the above-mentioned stabilizers during the extrusion or granulation phase or coating or impregnating the nonextruded polymer particles with the above-mentioned stabilizers by treatment of polymer particles with solution or suspension of the above-mentioned stabilizers and an optional subsequent evaporation of the solvent or suspension medium.

Compl. specn. 39 pages.

Drgns. Nil

Cl. : 10 B, 72 B.

174674

Int. Cl. : F 42 B 5/00.

"METHOD AND APPARATUS TO PREPARE MONO BASIC PROPELLANT CHARGE POWDERS WITH ALCOHOL AND ETHER AS SOLVENTS"

Applicant : WNC-NITROCHEMIE GMBH, OF D-8261 ASCHAU, WEST GERMANY.

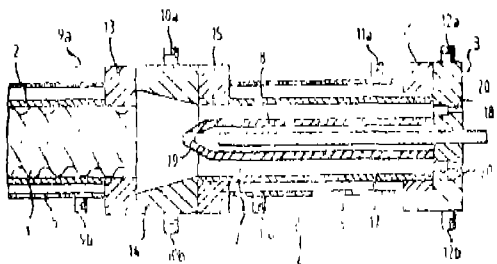
Inventor : MIEHLING, WOLFGANG, DR.

Application No. 326/Cal/1990; filed on 20th April, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

10 Claims

A method of preparing monobasic propellant charge powders with alcohol and ether as solvents by use of an extruder; characterised in that the propellant charge powder material is extruded under pressure and is cooled before leaving the extruder.



Compl. specn. 14 pages.

Drgns. 3 sheets

Cl. : 32 A. 1.

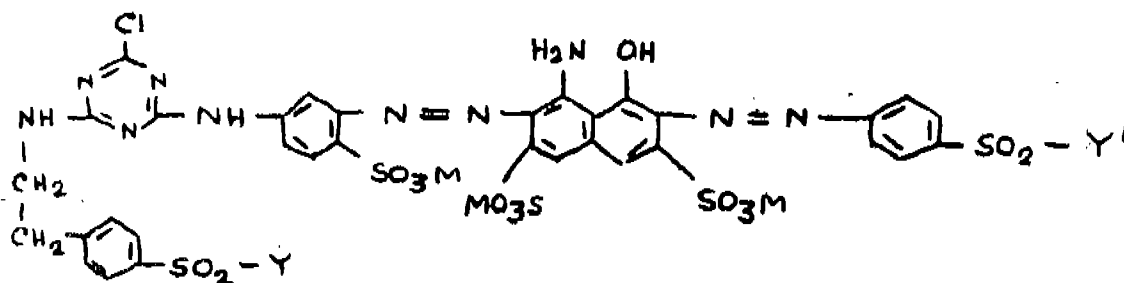
174675

Int. Cl.⁴ : C 09 B 43/30.

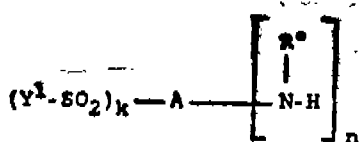
"WATER-SOLUBLE FIBER-REACTIVE DYES, PROCESS FOR THEIR PREPARATION, AND THEIR USE".

Applicant : HOECHST AKTIENGESellschaft, OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) HUSSONG, KURT AND SPRINGER, HARTMUT.



In which Y and Y¹ are defined as above and M is hydrogen or an alkali metal, which comprises reacting the precursors customary for water-soluble dyes, of which at least one contains a group of the general formula (2) and at least one contains a group of the general formula SO₂-Y¹, with one another in a customary procedure to give the corresponding dye, or reacting cyanuric chloride in any desired sequence with an amino compound of the general formula (22)

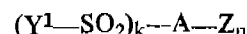


Application No. 380/Cal/1990; filed on 11th May, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

14 Claims

A process for the preparation of a dye conforming to the General formula (1)



in which

A is the radical of a water-soluble, sulfo-and/or carboxyl-containing dye,

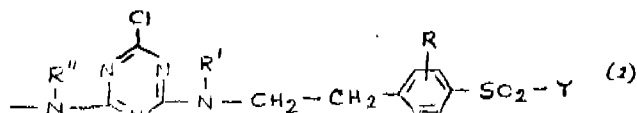
Y¹ is the vinyl group or is a B-chloroethyl,

B-thio-sulfatoethyl, B-acetyloxyethyl or B-sulfatoethyl group,

k is the number 1 or 3,

n is the number 1 or 2, and

z is a group of the general formula (2)



in which R' and R'' are each, independently of one another, a hydrogen atom or an alkyl group having 1 to 4 carbon atoms,

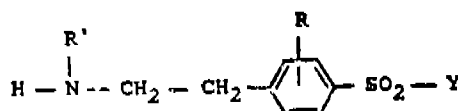
R is a hydrogen atom or a sulfo group, and

Y is the vinyl group or a B-sulfatoethyl group,

where Y¹ and Y can have meaning which are identical to one another or different from one another

but however, with the exception of the dyestuff of the formula

in which Y¹, k, A, R' and n are as defined above and with an amino compound of the general formula (23)



in which R', R and Y are as defined above.

Compl. specn. 64 pages.

Drgns. Nil

Cl. : 57 B & A.

174676

7 Claims

Int. Cl.⁴ : E 05 F 1/12.
E 05 D 11/10.**"FURNITURE HINGE"**Applicant : LAMA OKOVJE-MONTAZNI SISTEMI-
ORODZA-TRGOVINA P. O. DEKANI, OF DEKANI 5,
YU-66271 DEKANI, YUGOSLAVIA.

Inventor : PRODAN, MARINO.

Application No. 450/Cal/1990; filed on 28th May, 1990.

Appropriate officer for opposition proceedings (Rule 4,
Patent rule 1972) Patent Office, Calcutta.**2 Claims**

A furniture hinge, particularly a cup-hinge, comprising a stationary hinge arm 1, which is, regarding the location, adjustably fastened on a base plate 11, a swingable hinge cup 2, a pair of connecting pivot levers 3, 4, which pivotally connect the cup 2 and the arm 1, and a spring assembly 14 placed in the clearance of the box-shaped arm 1, characterized in that between a control cam (5) of the inner pivot lever (4) and a disc-shaped insertion (19) at the free end of a pressure spring (8) of the spring assembly (14) there is inserted a transmission pin (7), which is held and guided by slots (6) that are arranged in the side walls of the housing (6) of the spring assembly (14) and are situated slantingly with respect to the axis of symmetry of the spring (8).

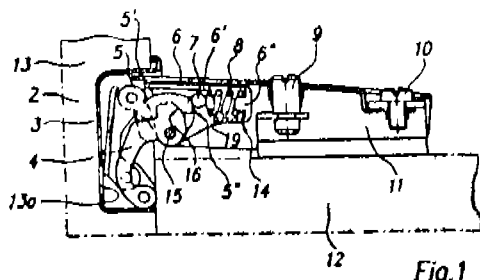


Fig. 1

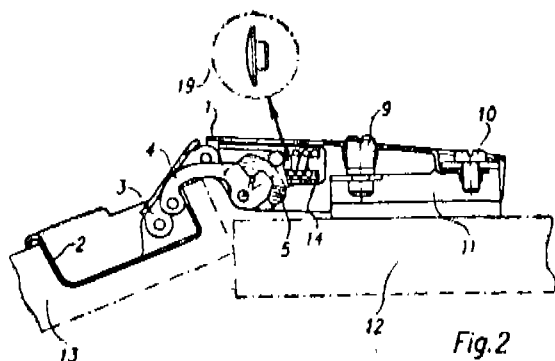


Fig. 2

Compl. specn. 8 pages.

Drgns. 1 sheets

Cl. : 205 B.

174677

Int. Cl.⁴ : B 29 D 30/52.Applicant : OLIVER RUBBER COMPANY, OF 1200
65th STREET, OAKLAND, CALIFORNIA-94662 U.S.A.

Inventor : HILL, GIUBERT LEE.

Application No. 516/Cal/1990; filed on 21st June, 1990.

Appropriate office for opposition proceedings (Rule 4,
Patent rule 1972) Patent Office, Calcutta.

A retreading curing ring apparatus for mounting on a tire retreading assembly that includes a tire carcass defining a retread area and integral sidewalls having inner circular beads adjacent their free ends, a thin layer of uncured rubber positioned on said tread area, a preformed tread strip covering said uncured rubber layer and a flexible envelope surrounding such tread strip and said sidewalls and extending downwardly toward said circular beads, said curing ring apparatus being positioned adjacent one of said sidewalls for securing and sealing said envelope to said tire said curing ring apparatus comprising :

a circular body member for engaging a portion of the envelope and the circular tire bead;

guide means adjacent said circular body member for concentrically aligning said tire carcass relative to said circular body member;

a plurality of moveable backup means spaced inwardly from said circular body member and at predetermined spaced apart circumferential locations relative to said circular body member and adapted to engage the inside of said tire sidewall in its bead area;

a single handle means;

linkage means interconnecting said backup means and said circular body member and controllable by said handle means for moving said circular body member and said backup means together, thereby pressing and sealing said envelope against the bead portion of the tire; and

adjustment means connected to said handle means and said linkage means for varying the distance between said circular body member and said backup means when said curing ring device is in its closed position, thereby enabling said device to accommodate tires with different bead thicknesses.

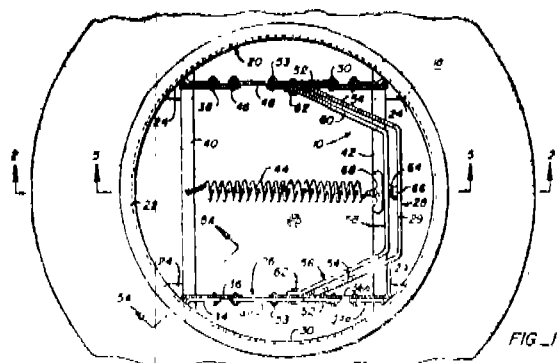


FIG. 1

Compl. specn. 15 pages.

Drgns. 3 sheets

Cl. : 32 E.

174678

Int. Cl.⁴ : C 08 F 214/16.**"PROCESS FOR PREPARING NEW FLUOROELASTOMERS ENDOWED WITH IMPROVED PROCESSABILITY"**Applicant : AUSIMONT S.R.L., OF 31, FORO BUO-
NAPARTE, MILAN-ITALY.Inventors : (1) ALBANO, MARGHERITA, (2) BRI-
NATI, GIULIO, (3) ARCELLA, VINCENZO AND (4)
GIANNETTI, ENZO.

Application No. 566/Cal/1990; filed on 9th July, 1990.

Appropriate officer for opposition proceedings (Rule 4,
Patent rule 1972) Patent Office, Calcutta.**2 Claims**

A process for preparing new fluoroelastomers endowed with improved processability, containing bromine not in end

position, deriving from brominated monomeric units of the polymeric chain, said brominated monomeric units being in such amount as to provide a polymer containing from 0.05 to 2% by weight of bromine referred to the total weight of the monomeric units, which process comprises polymerizing mixes of monomers selected from vinylidene fluoride, tetrafluoroethylene, hexafluoropropene and perfluoroalkyl-perfluorovinylethers, along with at least one polymerizable brominated monomer by means of radical starters, in the presence of one or more compounds capable of providing I or Br ions in the polymerization medium and conditions, said compounds being selected from: HI, HBr, iodides and bromides of metals belonging to Groups I and II, A and B, Groups III and IVA of the periodic system and of the transition metals.

Compl. specn. 22 pages.

Drgns. Nil

C. : 121.

174679

Int. Cl^a : C 09 K 11/00, 11/02.

H 01 J 1/62, 29/18.

"METHOD OF OBTAINING IMPROVED PHOSPHOR FOR CATHODE RAY TUBES"

Applicant : KASEI OPTONIX, LTD., OF 12-7, SHIBADAEMON 2-CHOME, MINATO-KU, TOKYO 105, JAPAN.

Inventors : (1) TONO, HIDEO AND IWASAKI, KAZUHIRO.

Application No. 891/Cal/1990; filed on 19th October, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

7 Claims

3

A method of obtaining an improved phosphor for cathode ray tubes, which comprises adding to an aqueous suspension of phosphor, a surface treating agent in an aqueous solution comprising zinc ions, such as herein described, and polycarboxylic ions, such as herein described, wherein said polycarboxylic acid and zinc ions are in the amounts of from 50 to 10,000 ppm relative to the weight of the phosphor and from 100 to 30,000 ppm relative to the weight of the phosphor, respectively, and adjusting the PH of the suspension with an aqueous alkaline solution such as herein described, optionally with the addition of agent, such as herein described for stabilizing the attaching of the surface treating material to the phosphor.

Compl. specn. 25 pages.

Drgns. 7 sheets.

Cl. : 194 C. 1.

174680

Int. Cl^a : F 16 B 2/20.

"INNER SHIELD COUPLING CLIP FOR USE IN CATHODE RAY TUBE"

Applicant : SAMSUNG ELECTRON DEVICES CO., LTD., OF 575, SHIN-RI, TAEAN-EUB, Hwasung-gun, Kyunggi-do, Korea.

Inventor : YOU, YONGSANG.

Application No. 1063/Cal/1990; filed on 27th December, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

7 Claims

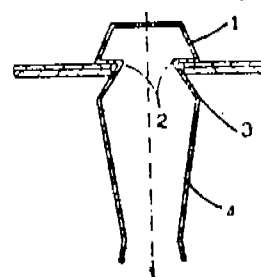
An inner shield coupling clip for use in a cathode ray tube, comprising : a head portion shaped to be suitable for being pressed downwardly and for endowing said clip with elasticity; depressed portions extended from the lower left and right corners of said head portion, and bent in an acute

angle away from the symmetry centre line of the clip at points a certain distance from said corners; shoulder portions extended from said depressed portions, and bent in an obtuse angle toward the symmetry centre line of the clip at points a certain distance from the bent points of said depressed portions, said shoulder portions together with said depressed portions acting for coupling said inner shield, and for keeping said clip which once is completely inserted into securing holes formed on said inner shield from being slipped out of said securing holes by itself; and leg portions extended downwardly from said shoulder portions for guiding said clip when said clip is being inserted into said securing holes.

FIG. 4



FIG. 5



Compl. specn. 17 pages.

Drgns. 6 sheets

CLAIM UNDER SECTION 20 (1) OF THE PATENTS ACT, 1970

Claim made by National Dairy Development Board, Gujarat under Section 20 (1) of the Patents Act, 1970 to proceed the application for Patent No. 172669 in their name has been allowed.

Claim made by The Green Cross Corporation, a Japanese corporation of 3-3 Imbashi 1 Chome, Chuo-Ku, Osaka-shi, Osaka, Japan, under Section 20(1) of the Patents Act, 1970 to proceed the patent application No. 172880 in their name has been allowed.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office, Calcutta, and its branches at Bombay, Madras and Delhi at two rupees per copy.

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PATENT SEALED ON

6-1-95

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Cal-11, Del-10, Bom-08 & Mas-10

*Patent shall be deemed to be endorsed with the words
 "LICENCE OF RIGHT Under Section 87 of the Patent
 Act, 1970 from the date of expiration of three years from
 the date of sealing. 1/4 D-Drug patent.

RENEWAL FEES PAID

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RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration
 of patent No. 162766 dated the 29th July, 1994 made by
 Robert Bosch GmbH on the 20th May, 1994 and notified
 in the Gazette of India Part III, Section 2 dated the 30th
 July, 1994 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration
 of patent No. 162783 dated the 30th March, 1994 made by
 Kono Elevator GmbH on the 16th December, 1993 and no-
 tified in the Gazette of India Part III, Section 2 dated 4th
 June, 1994 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration
 of patent No. 169724 dated the 12th June, 1987 made by
 Daimler S.P.A. on the 20th May, 1994 and notified in the
 Gazette of India Part III, Section 2 dated the 30th July,
 1994 has been allowed and the said patent restored.

REGISTRATION OF DESIGN

The following designs have been registered. They are
 not open to inspection for period of two years from the
 date of registration except as provided for Section 50 of the
 Designs Act, 1911.

The date shown in the each entries is the date of the regis-
 tration included in the entries.

Class 1. No. 167502, 167503 & 167510, Hussnain Inter-
 national, a partnership firm, having its principal
 place of business at Yasmin Garden, Rampur
 Road, Moradabad-244 001, State of Uttar Pra-
 desh, India. "BOWL WITH BALL FLETS", 16th
 May, 1994.

Class 1. No. 167490, Hussnain International, a partnership
 firm, having its principal place of business at
 Yasmin Garden, Rampur Road, Moradabad-
 244 001, State of Uttar Pradesh, India. "BOWL",
 16th May, 1994.

Class 1. No. 167491, Hussnain International, a partnership
 firm, having its principal place of business at
 Yasmin Garden, Rampur Road, Moradabad-
 244 001, State of Uttar Pradesh, India. "ROUND",
 BOWL", 16th May, 1994.

Class 1. No. 167482 & 167501, Hussnain International, a
 partnership firm, having its principal place of
 business at Yasmin Garden, Rampur Road,
 Moradabad-244 001, State of Uttar Pradesh,
 India, "CANDLE HOLDER", 16th May, 1994.

Class 1. No. 167288, 167289 Nortech India Limited, E 9,
 MIDC, Waluj Industrial Area, Waluj-431 113,
 Aurangabad, Maharashtra, India, "PRINTED
 SHEET", 28th April, 1994.

Class 1. No. 167978, Ravissant, a division of Vishal (P)
 Limited, an Indian Company, 24, Nehru Place,
 New Delhi-110 019, India, "WATER JUG",
 24th August, 1994.

Class 1. No. 167987, Ravissant, a division of Vishal (P)
 Limited, an Indian Company, 24, Nehru Place,
 New Delhi-110 019, India, "COOKIE JAR",
 24th August, 1994.

Class 1. 167981, Ravissant, a division of Vishal (P)
 Limited, an Indian Company, 24, Nehru Place,
 New Delhi-110 019, India, "SMALL TRAY",
 24th August, 1994.

Class 1. No. 167988, Ravissant, a division of Vishal (P)
 Limited, an Indian Company, 24, Nehru Place,
 New Delhi-110 019, India, "BELL", 24th August,
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Class 1. No. 167930 Ravissant, a division of Vishal (P)
 Limited, an Indian Company, 24, Nehru Place,
 New Delhi-110 019, India, "SANDWICH TRAY",
 24th August, 1994.

- Class 1. No. 167979, Ravissant, a division of Vishal (P) Limited, an Indian Company, 24, Nehru Place, New Delhi-110009, India, "GLASS", 24th August, 1994.
- Class 1. No. 167195, Khaitan (India) Limited, 46C, J. L. Nehru Road, Calcutta-700 071, W. B., India, "CEILING FAN", 13th April, 1994.
- Class 1. No. 167008, Ashok Madhav Pawar at 34A, Mulji House, 1st floor, New Prabhadevi Road, Bombay-400 025, Maharashtra, India, "ADAPTOR", 10th March, 1994.
- Class 1. No. 167832, NCL Industries Ltd., Raghava Raina Towers, VII Floor, 5-8-352, Chirag Ali Lane, Hyderabad-500 001, A.P., India, "PROFILE", 29th July, 1994.
- Class 1. No. 166884, Kosan Teknova A/S, a Danish Company of Mollevej 9, DK 2990 Niva, Denmark, "A VALVE", 25th February, 1994.
- Class 1. No. 167200, Sturm, Ruger & Company INC, a Corporation organised and existing under the laws of the State of Delaware, of Lacey Place, Southington Connecticut 06490, United States of America, "A LASER HOUSED PISTOL", 18th April, 1994.
- Class 1. No. 167540, C Lal Electrical and Mechanical, an Indian firm of 14, Industrial Estate, Ambala City-134002, Haryana, India and whose proprietor is Mr. Rajender Nath, "VESSEL FOR A FOOD PROCESSOR", 20th May, 1994.
- Class 1. No. 167609, Elymer Havells Electrics, 1 Raj Narain Marg, Civil Lines, Delhi-54, India, a partnership firm, "UNIDIRECTIONAL CYCLOMETER COUNTER FOR ELECTRIC METER", 8th June, 1994.
- Class 1. No. 167272, Nortech India Limited, E 9, MIDC, Waluj Industrial Area, Waluj-431 113, Aurangabad, Maharashtra, India, "PRINTED SHEET", 28th April, 1994.
- Class 1. No. 167461, R. P. Metal Sections (P) Ltd., having its office at 14/3A & 14/5A, Deevatige Ramana-balli, Opp. BHEL, Mysore Road, Bangalore-560 039, Karnataka, India, "ROLLING SHUTTERS", 12th May, 1994.
- Class 1. No. 166406, Miraj Electrical & Mechanical Co. Pvt. Ltd., having office at 2, Swastik Chambers, Ground floor, C.S.T. Road, Chembur, Bombay-400 071, Maharashtra, India, "WELDING RECTIFIER", 20th October, 1993.
- Class 1. No. 166759, Glow India Industries, a regd. partnership firm, near Vedvyas College, Vedvyas, Rourkela, Pin 769041, Orissa, India, "LIQUID KEROSENE OVEN", 27th January, 1994.
- Class 1. No. 167847, Hussnain International, a partnership firm, having its principal place of business at Yasmin Garden, Rampur Road, Moradabad-244 001, State of Uttar Pradesh, India, "KNOB FOR SANITARY FITTING", 16th February, 1994.
- Class 1. No. 167494, Hussnain International, a partnership firm, having its principal place of business at Yasmin Garden, Rampur Road, Moradabad-244 001, State of Uttar Pradesh, India, "BASKET", 16th May, 1994.
- Class 1. No. 167508, Hussnain International, a partnership firm, having its principal place of business at Yasmin Garden, Rampur Road, Moradabad-244 001, State of Uttar Pradesh, India, "PITCHER", 16th May, 1994.
- Class 1. No. 167559, Callaway Golf Company, a Corporation organised and existing under the laws of the State of California, United States of America of 2285 Rutherford Road, Carlsbad, California, 92008-8815, U.S.A., 24th May, 1994.
- Class 1. No. 167500, Hussnain International, a partnership firm, having its principal place of business at Yasmin Garden, Rampur Road, Moradabad-244 001, State of Uttar Pradesh, India, "CENTRE PIECE WITH BASE", 16th May, 1994.
- Class 1. No. 167840, Neff Appliances Ltd., WH 80, Mayapuri Industrial Area, Phase I, New Delhi-64, India, "ELECTRIC IRON", 2nd August, 1994.
- Class 1. No. 167498, Hussnain International, a partnership firm, having its principal place of business at Yasmin Garden, Rampur Road, Moradabad-244 001, State of Uttar Pradesh, India, "JUG", 16th May, 1994.
- Class 1. No. 167745, Haryana Pressure Cookers (P) Ltd., 877, Multani Building Qutab Road, Sadar Bazar, Delhi-110 006, India, "PRESSURE COOKERS", 5th July, 1994.
- Class 1. No. 167509, Hussnain International, a partnership firm, having its principal place of business at Yasmin Garden, Rampur Road, Moradabad-244 001, State of Uttar Pradesh, India, "BOWL WITH BALL FEETS", 16th May, 1994.
- Class 1. No. 167483, Hussnain International, a partnership firm, having its principal place of business at Yasmin Garden, Rampur Road, Moradabad-244 001 State of Uttar Pradesh, India, "CANDLE HOLDER", 16th May, 1994.
- Class 1. No. 167273 to 167276, 167279, 167281, 167290 to 167299, Nortech India Ltd., E 9, MIDC, Waluj Industrial Area, Waluj-431 113, Aurangabad, Maharashtra, India, "PRINTED SHEET", 3rd May, 1994.
- Class 1. No. 167355 to 167358 & 167347 to 167350, Nortech India Limited, E 9, MIDC, Waluj Industrial Area, Waluj-431 113, Aurangabad, Maharashtra, India, "PRINTED SHEET", 3rd May, 1994.
- Class 1. No. 167870 & 167871, Sonia Engineering Works (P) Ltd., G 1/3, G. T. Karnal Road, Industrial Area, Delhi, India, "FERRUL OF THE HANDLE OF PRESSURE COOKER", 21st February, 1994.
- Class 1. No. 167452 & 167453, Titan Industrial Ltd., a Company registered under the Companies Act, 1956, whose address is Golden Enclave, Tower A, Airport Road, Bangalore-560 017, Karnataka, India, "WRIST WATCH", 10th May, 1994.
- Class 1. No. 167673, 167676 & 167681, Mount Everest Mineral Water Limited, 201/201, Qutab Hotel Shaheed Jee Singh Marg, New Delhi-110 016, India, "WATCH", 20th June, 1994.
- Class 1. No. 167670, Cooke & Kelvey (Delhi Private Limited), 3, Scindia House, Janpath, New Delhi-110 001, India, "THREE PIECES COFFEE SET", 20th June, 1994.
- Class 1. No. 166761, Sudha Enterprises, 255, Kansai Section, Ambernath-421 501, Thane, Maharashtra, India, a proprietary concern, "LAMP SHADE", 28th January, 1994.
- Class 1. No. 166621, Kosan Teknova A/S, a Danish Company of Mollevej 9, DK 2990 Niva, Denmark, "A VALVE", 28th December, 1993.
- Class 1. No. 167188, Jayant Gandhi of B 3 Sardar Smriti, S.V.P. Road, Shanti Nagar, Borivalo (W) Bombay-400 092, Maharashtra, India, "LOCKING DEVICE", 12th April, 1994.
- Class 1. No. 166876, Micro Solve Engineering Concern, 62/4, Kola Chand Nadi Lane, Howrah 1, W.B.,

India, an Indian partnership firm, "LINE CUTTER MACHINE", 22nd February, 1994.

- Class 1. No. 166738, Glow India Industries, a partnership firm, near Vedyas College, Vedyas, Rourkela-769 041, Orissa, India, "LIQUID KEROSENE CYLINDER", 27th January, 1994.
- Class 1. No. 166358, Tide Water Oil Co. India Ltd., of 3rd floor, Kamani Chambers, 32 R, Kamani Marg, Ballard Estate, Bombay-38, Maharashtra, India, "CONTACTOR", 15th October, 1993.
- Class 1. No. 166542, Wipro Limited, having its office at Bakhtawar, 14th floor, 229, Nariman Point, Bombay-41, Maharashtra, India, "LIGHTING APPARATUS", 3rd December, 1993.
- Class 1. No. 166405, Moraj Electrical & Mechanical Co. Pvt. Ltd., having office at 2, Swastik Chambers, Ground floor, C.S.I. Road, Chembur, Bombay-71, Maharashtra, India, "WELDING RECTIFIER", 20th October, 1993.
- Class 1. No. 166386, Krishna Equipment Pvt. Ltd., 14/1, Matamba Road, Faridabad, Haryana, India, "COOKING RANGE", 16th October, 1993.
- Class 1. No. 166555, Prakash Trading Corporation, 527, Kucha Pati Ram, Bazar Sarani, Delhi-110 006, India, a registered partnership firm, "DOOR KNOB", 6th December, 1993.
- Class 1. No. 166512, Lunar Automobile Parts, G 13, Mahavir, Keshavnagar, Commercial Complex, New Delhi-65, India, an Indian partnership firm, "CLUTCH PLATE (OPEN TYPE) DISC", 22nd November, 1993.
- Class 1. No. 166575, The Jay Engineering Works Ltd., of 23, Kasturba Gandhi Marg, New Delhi-110 001, India, "SEWING MACHINE", 7th December, 1993.
- Class 1. No. 166503, Shaw Wallace & Co., Ltd., having office at No. 4, Bankswal Street, Calcutta-700 001, W.B., India, "CAP", 17th November, 1993.
- Class 1. No. 166416, Amardeep Traders, Kaviwar Peth, Karpagam, Pune-411 002, Maharashtra, India, proprietary concern, "STOVE", 25th October, 1993.
- Class 1. No. 165514, The Thermos Company, a corporation organised and existing under the laws of the State of Illinois, U.S.A., having its principal office and place of business in the city of Freeport, State of Illinois, U.S.A., "BARBECUE GRILL", 15th April, 1993.
- Class 1. No. 166733, Bajaj Auto Limited, Akurdi, Pune-411 035, Maharashtra, India, "FRONT MUDGUARD OF MOTORCYCLE", 25th January, 1994.
- Class 1. No. 167541, C. Lal Electrical & Mechanical, an Indian firm of 14, Industrial Estate, Ambala City-154 002, Haryana, India and whose proprietor is MR. RAJINDER NATH, "PROCESSOR BLADE FOR A FOOD PROCESSOR", 20th May, 1994.
- Class 1. No. 167307, Davinder Bhasin, of C 128, Focal Point, Phase V, Ludhiana-141 010, Punjab, India, "FENCE TOPS", 29th April, 1994.
- Class 3. No. 166735 & 166736, ICFA Health Products Pvt. Ltd., of 233, Adarsh Industrial Estate, Sahar Road, Andheri (E), Bombay-99, Maharashtra, India, "TOOTH BRUSH", 21st January, 1994.
- Class 3. No. 167268, Hindustan Lever Limited, registered office of which is at 165/166, Backbay Reclamation, Bombay-400 020, Maharashtra, India, "BOTTLE WITH CAP", 27th April, 1994.
- Class 3. No. 166564, Hindustan Lever Limited, registered office of which is at 165/166, Backbay Reclamation, Bombay-400 020, Maharashtra, India, "TOOTH BRUSH", 4th November, 1993.
- Class 3. No. 166638, Larsen & Toubro Limited, an Indian Company, having its registered office at L & T House, Ballard Estate, Bombay-38, Maharashtra, India, "ELECTRIC SWITCH", 31st December, 1993.
- Class 3. No. 166639, Larsen & Toubro Limited, an Indian Company, having its registered office at L & T House, Ballard Estate, Bombay-38, Maharashtra, India, "AN ADD ON AUXILIARY CONTRACTS FOR CONTACTOR", 31st December, 1993.
- Class 3. No. 166640, Larsen & Toubro Limited, an Indian Company, having its registered office at L & T House, Ballard Estate, Bombay-38, Maharashtra, India, "INTERLOCKING DEVICE FOR CONTACTORS", 31st December, 1993.
- Class 3. No. 166641 to 166643, Larsen & Toubro Limited, an Indian Company having its registered office at L & T House, Ballard Estate, Bombay-38, Maharashtra, India, "CONTACTOR", 31st December, 1993.
- Class 3. No. 167752, Novoflex Cable Care Systems, of 3B, Camac Street, Calcutta-16, W. Bengal, India, an Indian partnership firm, "REUSEABLE CABLE STRAP", 8th July, 1994.
- Class 3. No. 167729, Novoflex Cable Care Systems, of 3B, Camac Street, Calcutta-16, W. Bengal, Indian an Indian Partnership firm, "PUSH FIT RIVET", 1st July, 1994.
- Class 3. No. 167106, 167107, 167109, 167111 & 167113, Swiss Health Foods Pvt. Ltd., Baroda Padra Highway Road, Near Ceramics Nagar, Padra-391 440, Maharashtra, India, "BOX", 28th March, 1994.
- Class 3. No. 167377, The Gillette Company, a company organised under the laws of the State of Delaware, U.S.A. of Prudential Tower Building, Boston, State of Massachusetts, U.S.A., "BALL POINT PEN", 4th May, 1994.
- Class 3. No. 167014, The Gillette Company, a company organised under the laws of the State of Delaware, U.S.A. of Prudential Tower Building, Boston, State of Massachusetts, U.S.A., "RAZOR HANDLE", 15th March, 1994.
- Class 3. No. 167014, The Gillette Company, a company organised under the laws of the State of Delaware, U.S.A. of Prudential Tower Building, Boston, State of Massachusetts, U.S.A., "RAZOR HANDLE", 15th March, 1994.
- Class 3. No. 167174, Hasbro International, INC, a corporation organised and existing under the laws of the State of Massachusetts, U.S.A., of 1027, Newport Avenue, Pawtucket, Rhode Island 02862, U.S.A., "A TOY CROSSBOW WITH PROJECTILES", 29th October, 1993.
- Class 3. No. 167175, Hasbro International, INC, a corporation organised and existing under the laws of the State of Massachusetts, U.S.A., of 1027, Newport Avenue, Pawtucket, Rhode Island 02862, U.S.A., "A TOY CROSSBOW WITH PROJECTILES", 11th February, 1993.
- Class 3. No. 167440 & 167442, Philips Electronics N.V., a limited liability company organised and established under the laws of the Kingdom of the Netherlands, carrying on business at Groenewoudseweg

- 1, Eindhoven, The Netherland, "RADIO RECEIVER", 16th March, 1994.
- Class 3. No. 166833, Ajanta Transistor Clock Mfg. Co., Orpat Industrial Estate, Rajkot Highway, Post Box No. 115, Morbi-363 641, Maharashtra, India, and Indian partnership firm, "WALL CLOCK", 14th February, 1994.
- Class 3. No. 166797, Ajanta Transistor Clock Mfg. Co., Orpat Industrial Estate, Rajkot Highway, Post Box No. 115, Morbi-363641, Maharashtra, India, and Indian partnership firm, "WALL CLOCK", 7th February, 1994.
- Class 3. No. 166824, Ajanta Transistor Clock Mfg. Co., Orpat Industrial Estate, Rajkot Highway, Post Box No. 115, Morbi-363641, Maharashtra, India, and Indian partnership firm, "WALL CLOCK", 14th February, 1994.
- Class 3. No. 167556 to 167558, Gerard Industries Pvt. Ltd., of 12, Park Terrace, Bowden, South Australia, Australia, a company incorporated under the laws of the State of South Australia, Australia, "AN ELECTRICAL ACCESSORY MOUNTING PLATE WITH COVER PLATE", 24th May, 1994.
- Class 3. No. 167611 & 167613, GMI Engineering (P) Ltd., 33A, J. L. Nehru Rd., 7th floor, Calcutta-71, W. Bengal, India, "ELECTRONIC WEIGHING SCALE", 9th June, 1994.
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